

# University Avenue Mobility Study

prepared for



July 21, 2011



DAVID EVANS  
AND ASSOCIATES, INC.

**Darnell & ASSOCIATES, INC.**  
TRANSPORTATION PLANNING & TRAFFIC ENGINEERING





# Outline



- Introduction
- Project Overview
- Review of Options 1, 2 and 3
- Landscape Concepts
- Measures of Effectiveness
- Break Out Sessions
- Conclusion



# Project Goals

## Improve Mobility within the Corridor

- Pedestrians
- Bicycles
- Transit
- Vehicles







# Overview



- Working Group – March 2011 to June 2011
- Walk Audits – March 10 and March 12, 2011
- Community Workshop #1 – April 2011
- Community Workshop #2 - May 2011
- Community Workshop #3 – July 2011
- Eastern Area Planning Group – September 2011





# Working Group Introduction



- Laura Riebau – EACPC
- Jody Talbott – CNF
- Betty White – RPCC
- Lee Rittiner – RPCC/EAPAC
- Jeannette Maxwell – Crossroads PAC BOD
- Jim Stone – Walk San Diego
- Jennifer Finnegan – College Area BID
- Anna Orzei-Arnita – Redwood Village CC
- Jim Bartell – Northgate Markets
- Mario Ingrassi – Crossroads PAC
- Randy VanVleck - CHCDC
- Samantha Ollinger – San Diego County Bicycle Coalition



# Engineering Study



- Traffic forecasts for 2030
- Capacity Analysis
- Inventory of Existing Conditions
- ADA Upgrades
- Preliminary Designs



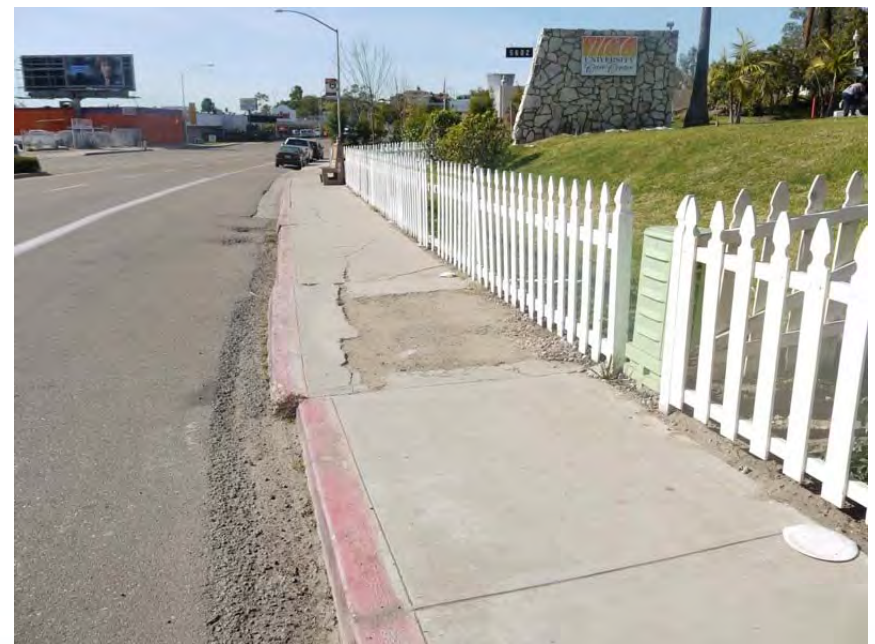
# 54<sup>th</sup> Street to 58<sup>th</sup> Street







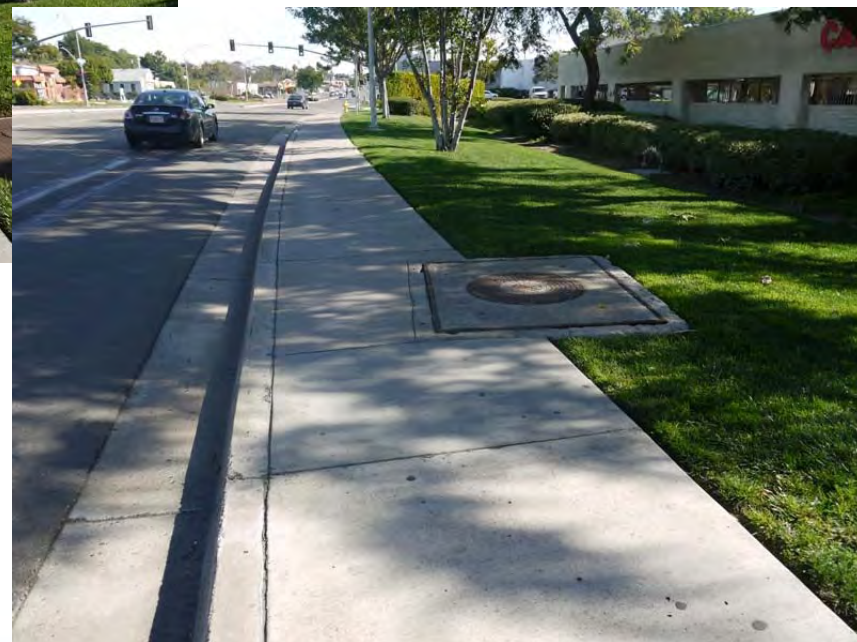
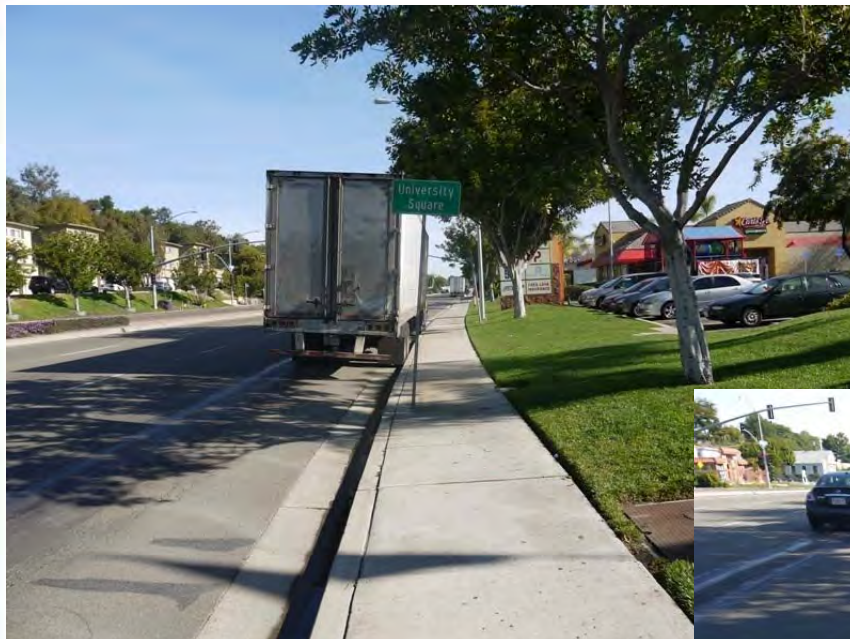
# 54<sup>th</sup> Street to 58<sup>th</sup> Street







# 58<sup>th</sup> Street to 60<sup>th</sup> Street





# College Avenue to Aragon Drive





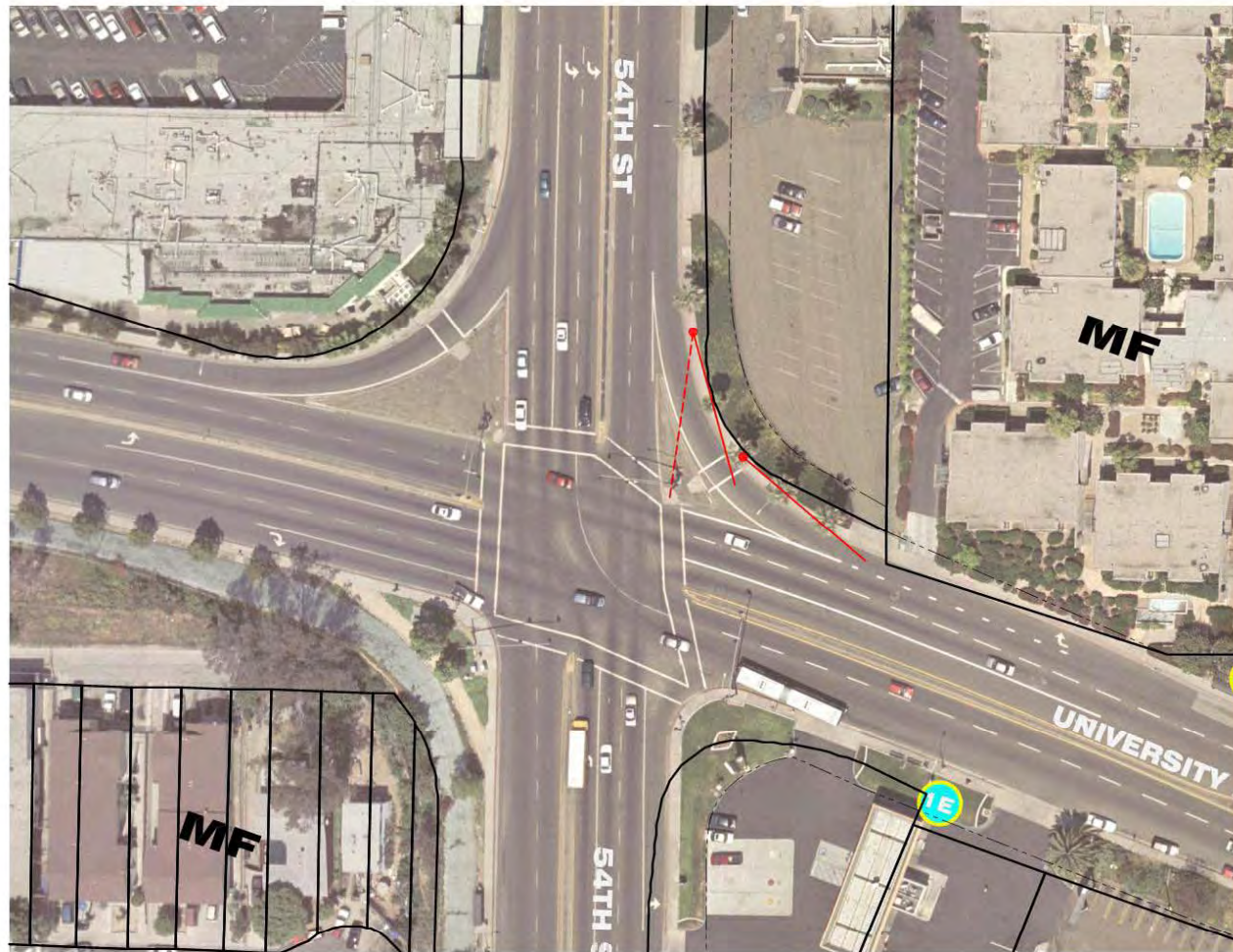


# Aragon Drive to 68<sup>th</sup> Street





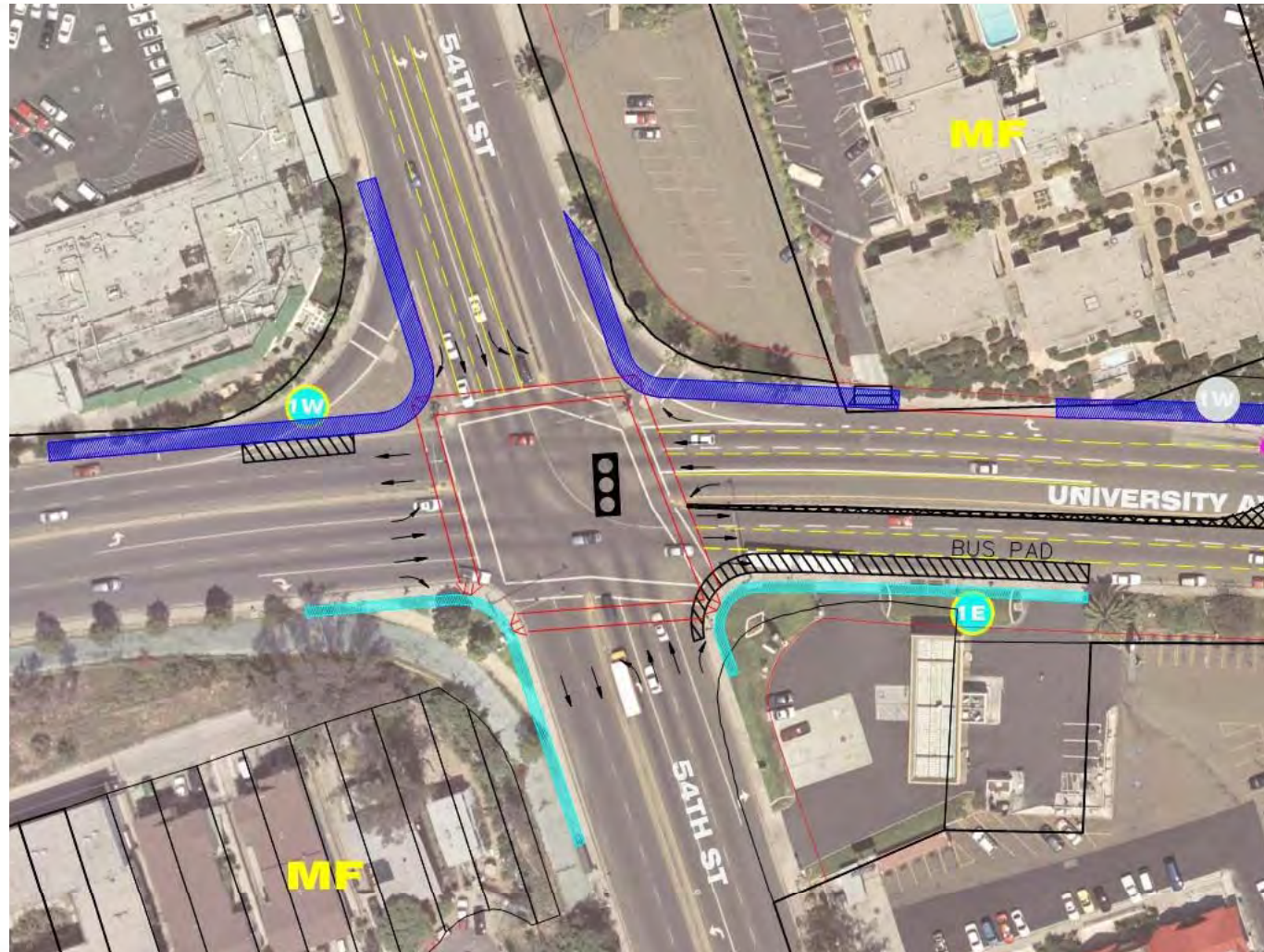
# 54<sup>th</sup> Street – Free Right Turns







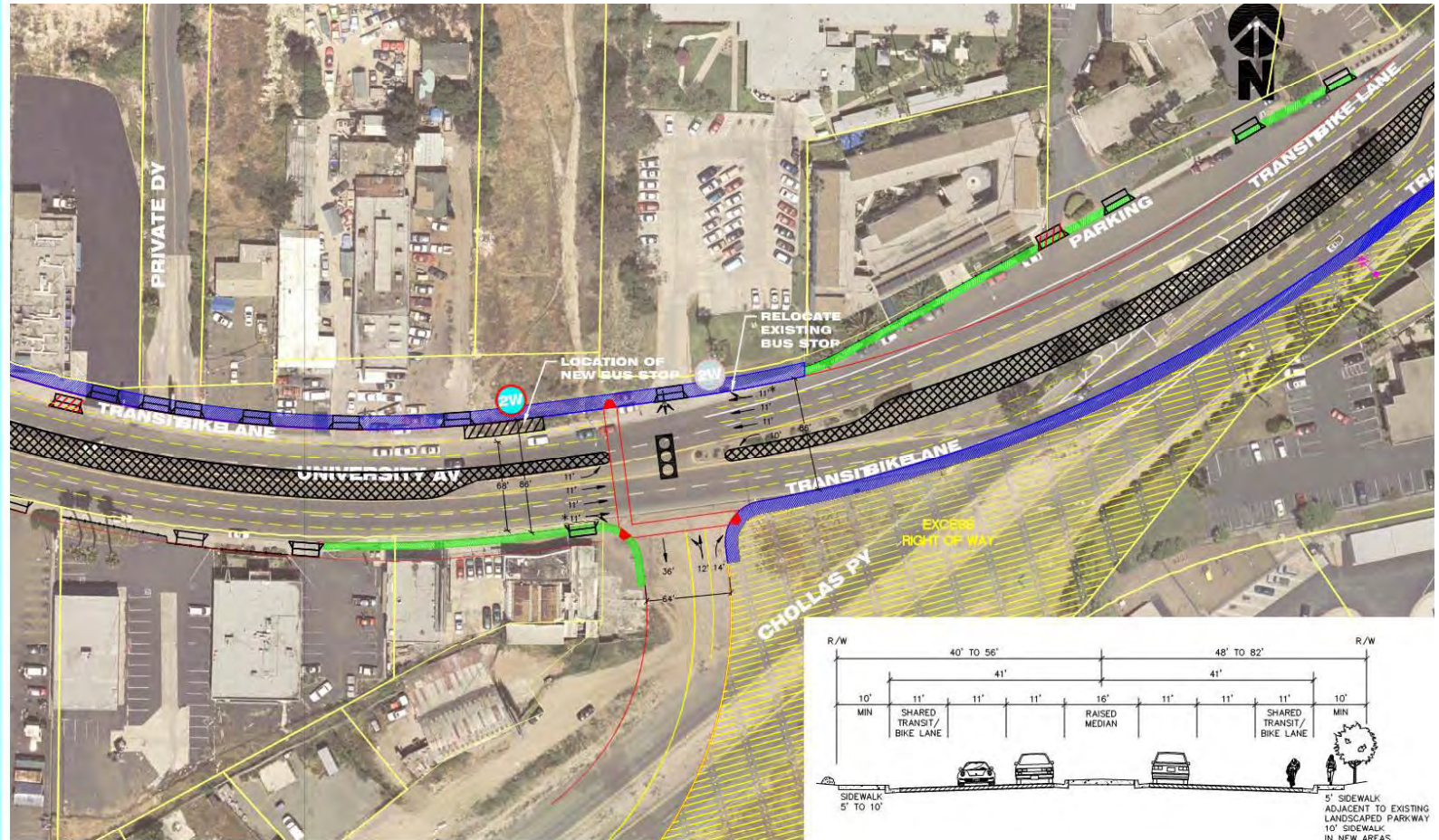
# 54<sup>th</sup> and University Avenue







# Realign Chollas Parkway Intersection





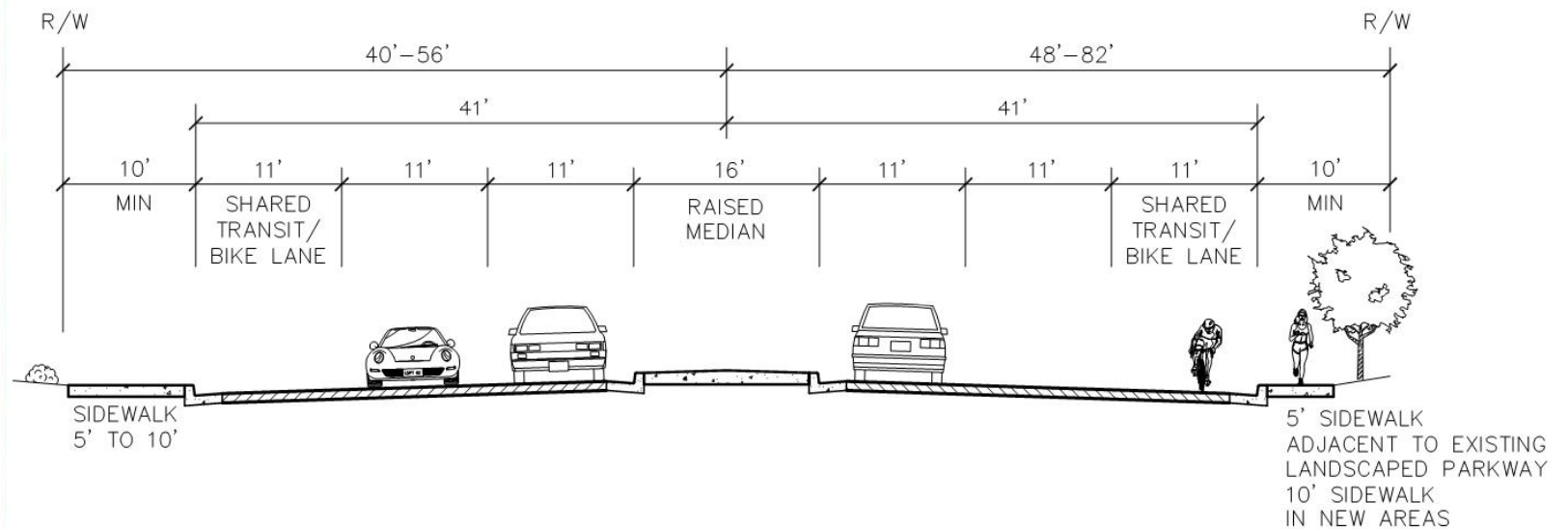


# 54<sup>th</sup> Street to 58<sup>th</sup> Street





# 54<sup>th</sup> Street to 58<sup>th</sup> Street

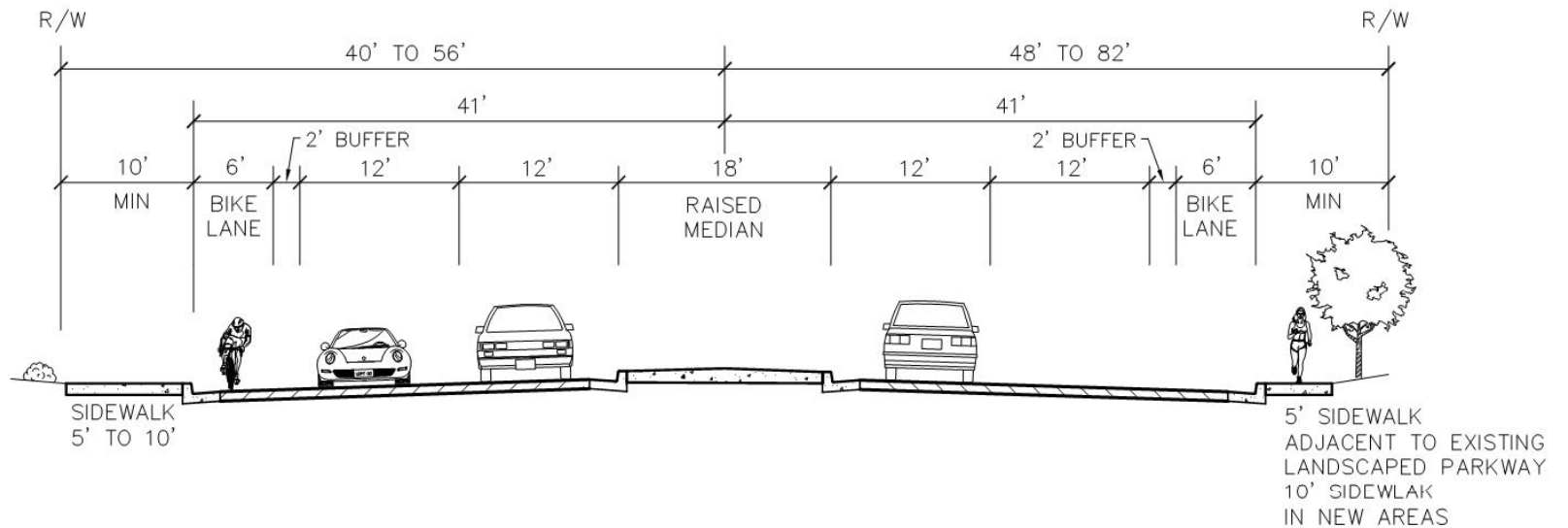


## Options 1 & 3





# 54<sup>th</sup> Street to 58<sup>th</sup> Street



## Option 2



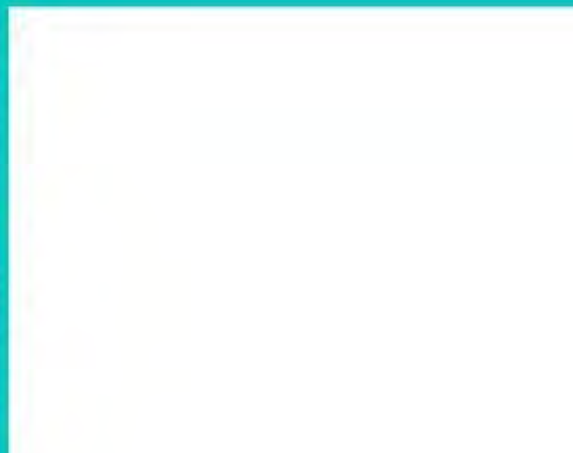
# Buffered Bike Lane





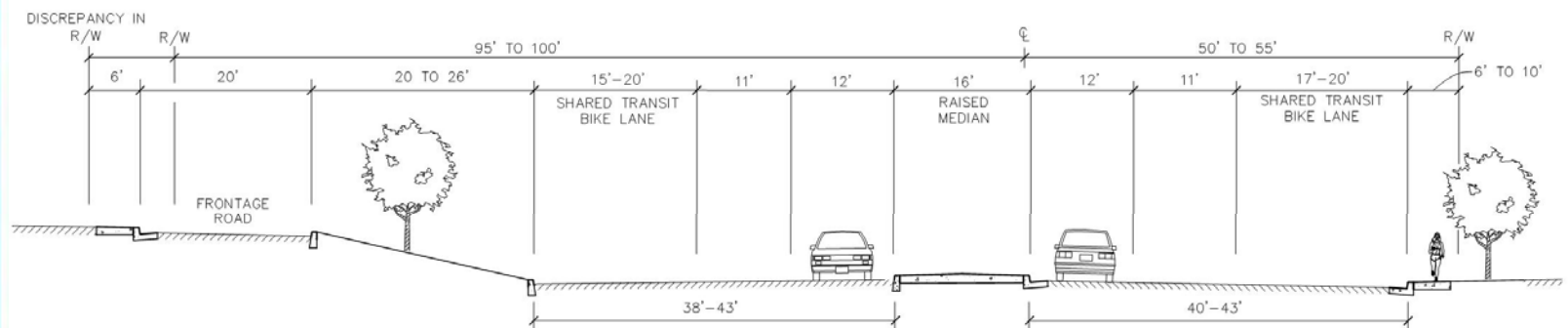


# 58<sup>th</sup> Street to College Avenue





# 58<sup>th</sup> Street to 60<sup>th</sup> Street

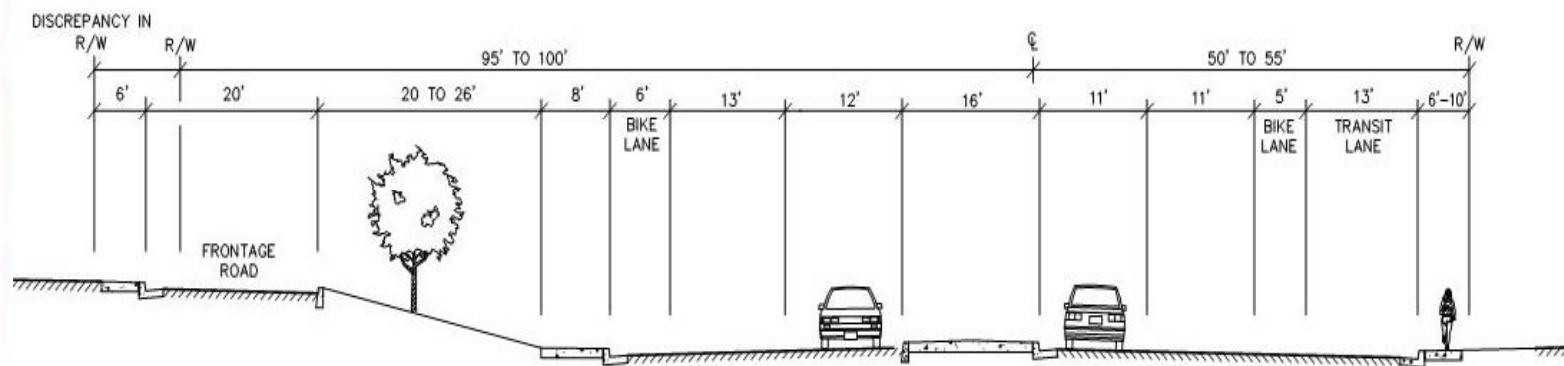


## Options 1 & 3





# 58<sup>th</sup> Street to 60<sup>th</sup> Street



## Option 2



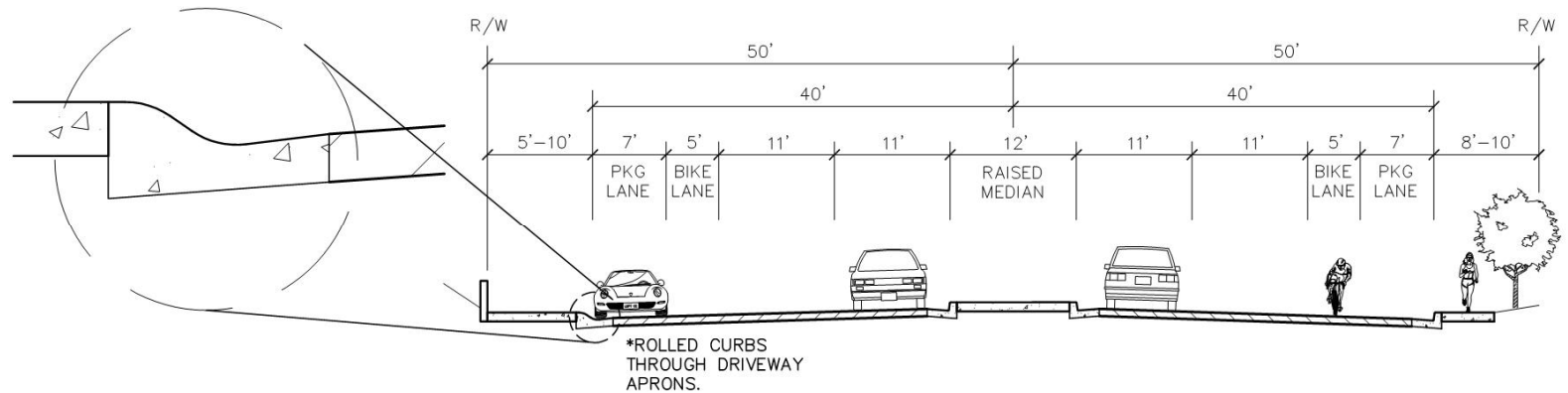
# College Avenue to Aragon







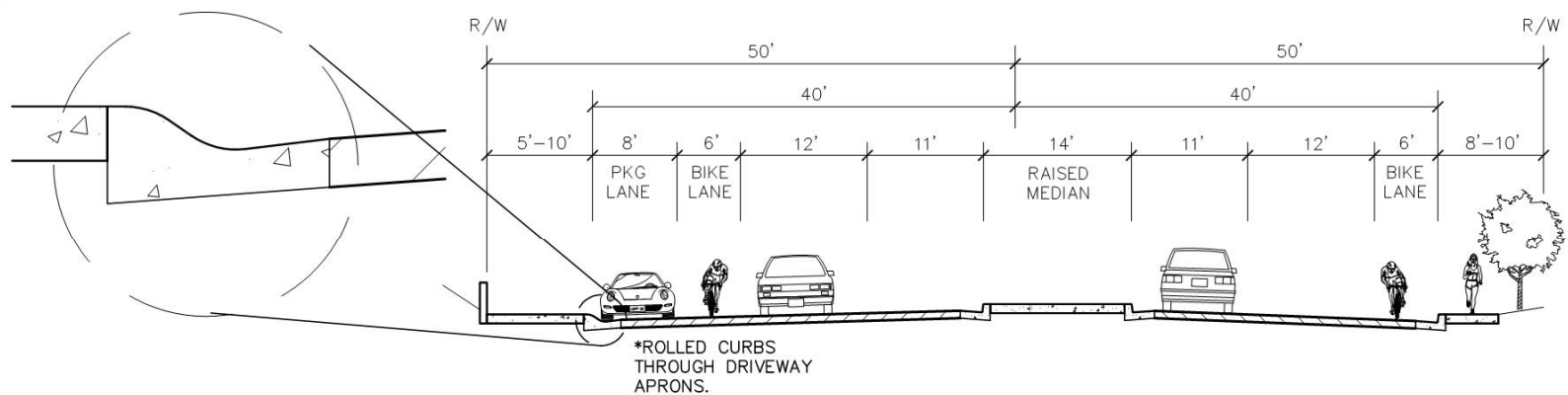
# College Avenue to Aragon Drive



## Option 1



# College Avenue to Aragon Drive

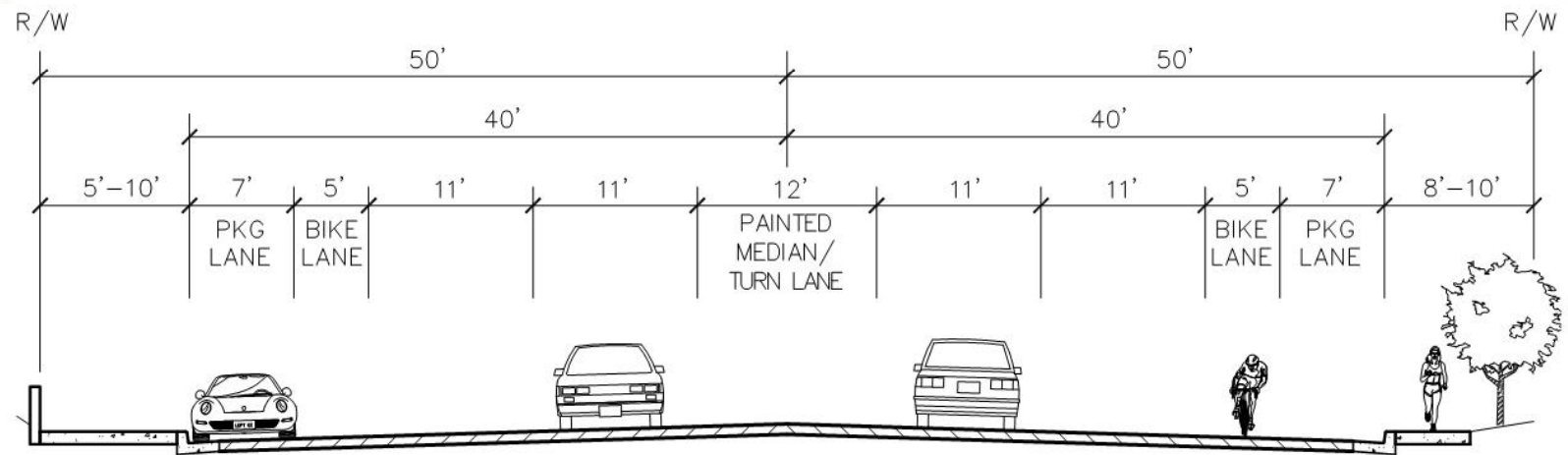


## Option 2





# College Avenue to Aragon Drive



Option 3



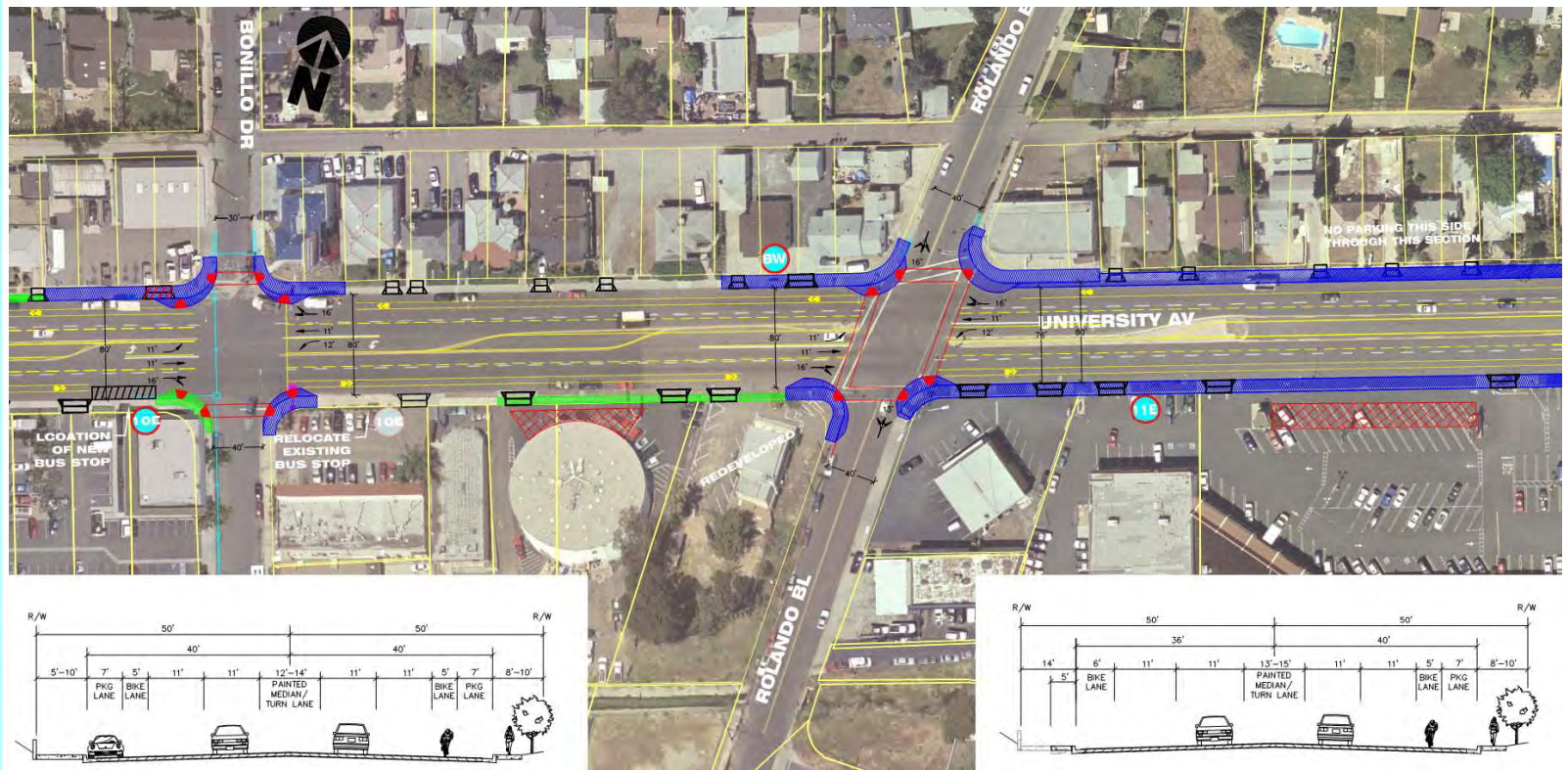
# Rolando – Option 3







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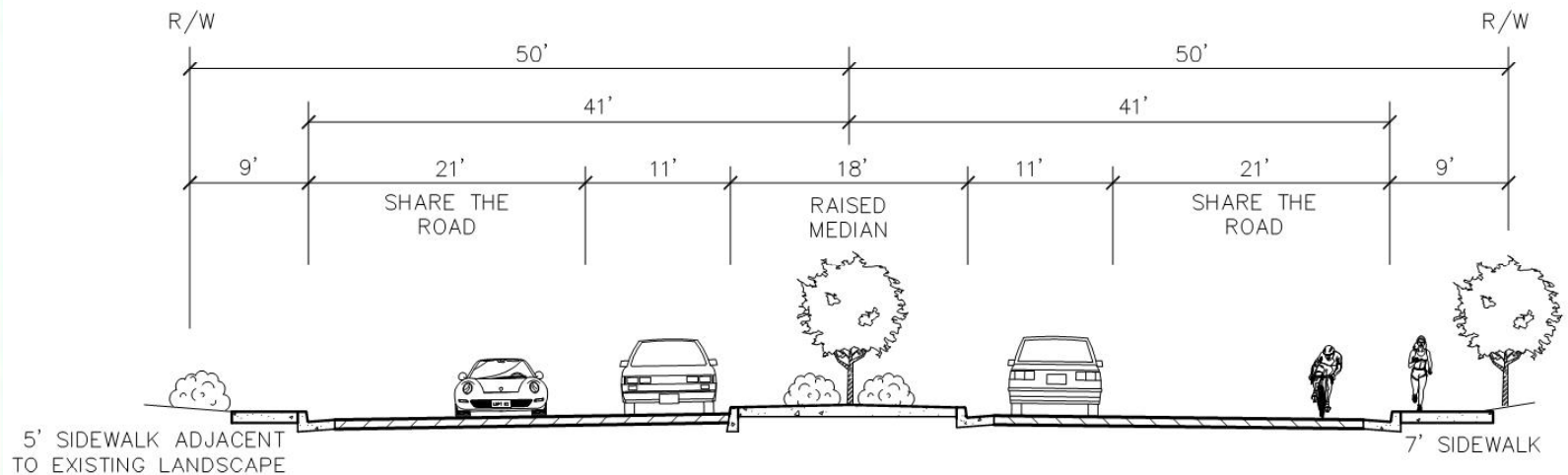
# Aragon Drive to 69<sup>th</sup> Street







# Aragon Drive to 68<sup>th</sup> Street



## Option 1



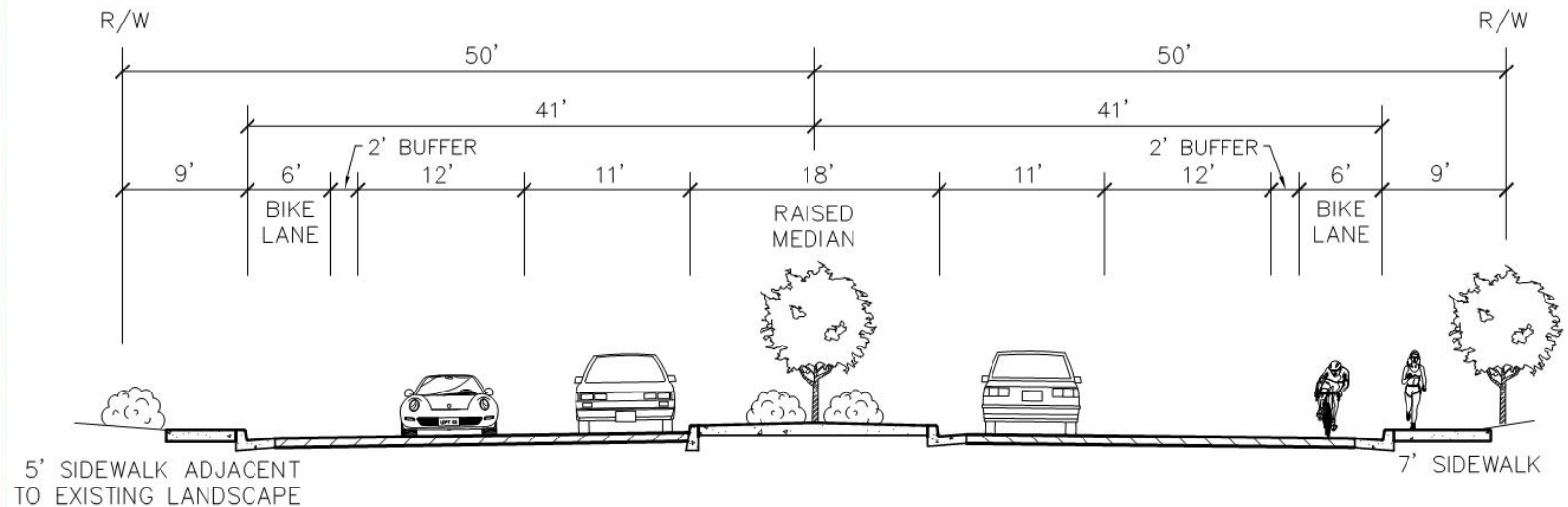
# Sharrow







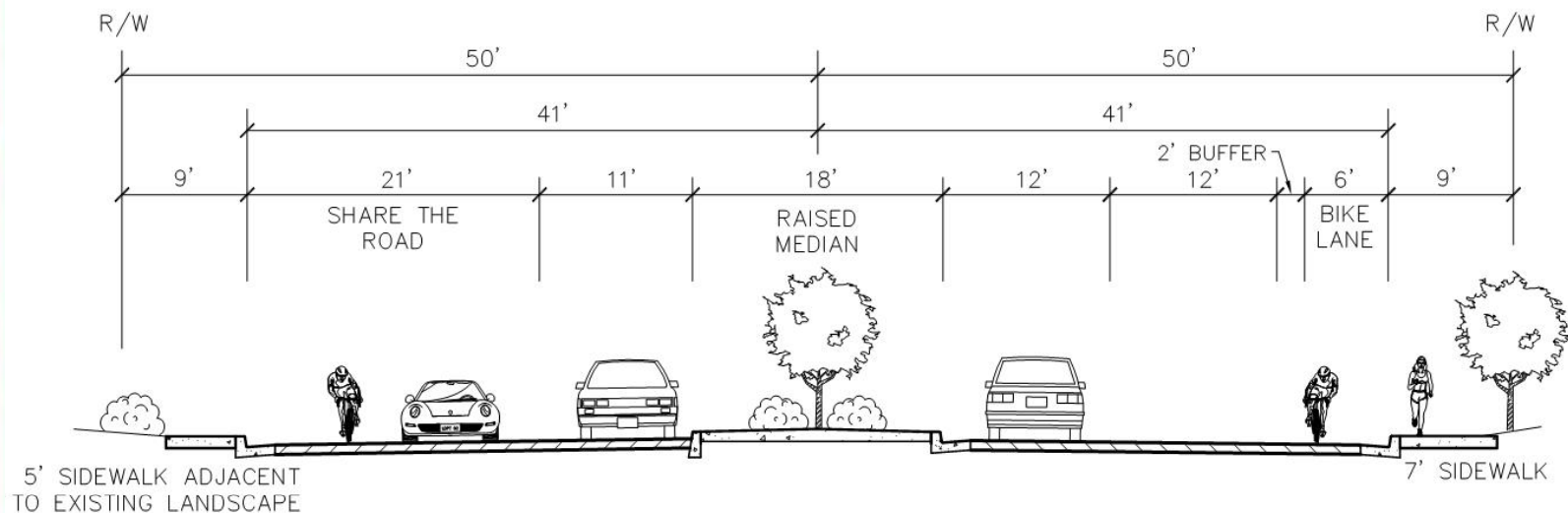
# Aragon Drive to 68<sup>th</sup> Street



## Option 2

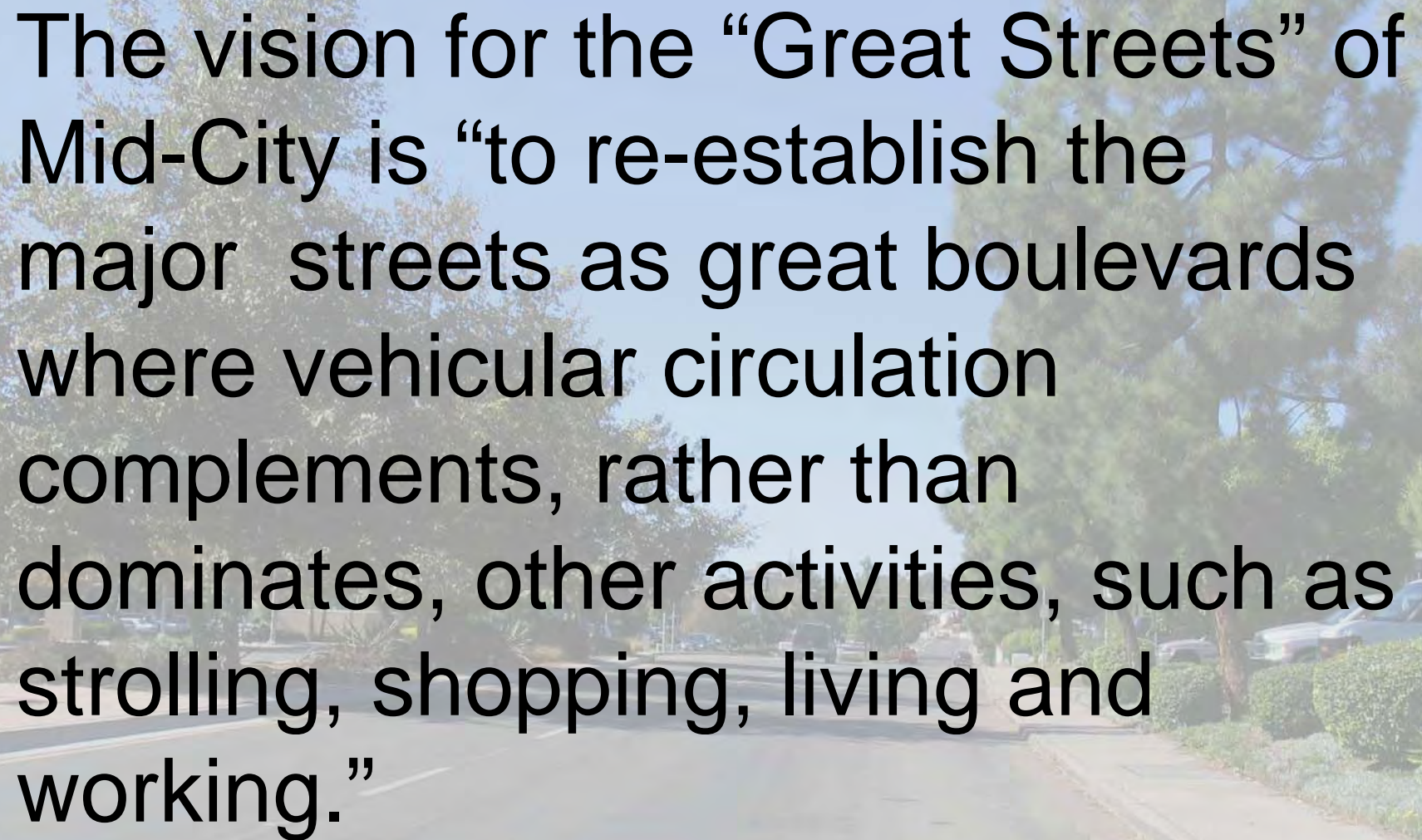


# Aragon Drive to 68<sup>th</sup> Street



## Option 3

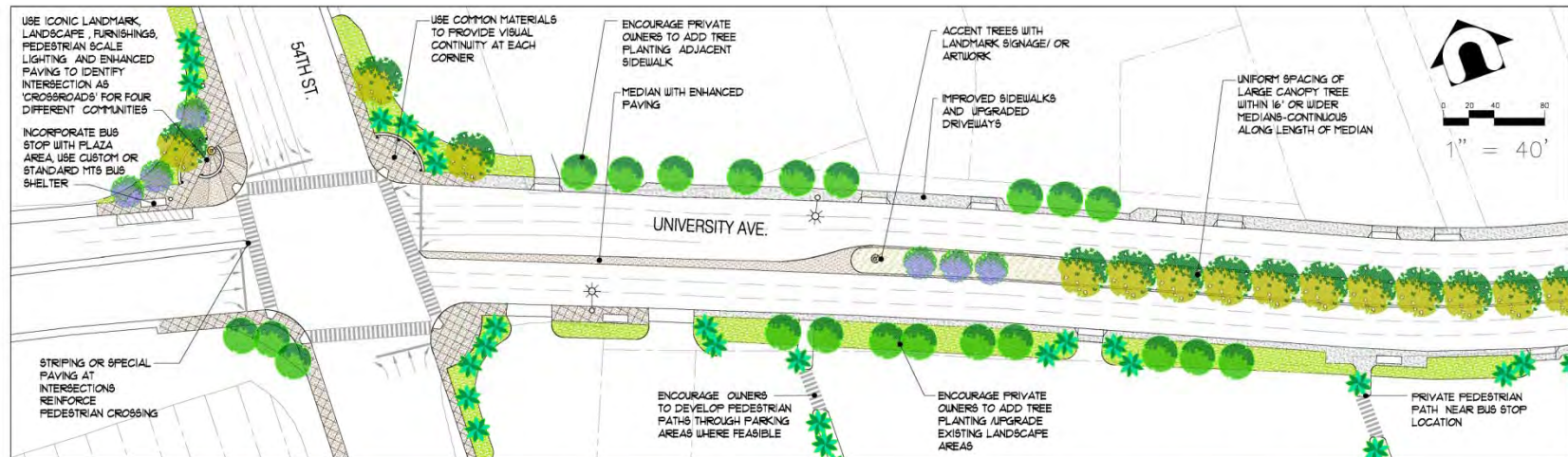




The vision for the “Great Streets” of Mid-City is “to re-establish the major streets as great boulevards where vehicular circulation complements, rather than dominates, other activities, such as strolling, shopping, living and working.”



# 54<sup>th</sup> and University Crossroads and Median



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**PARTERRE**  
SITE PLANNING  
URBAN DESIGN  
LANDSCAPE ARCHITECTURE

## UNIVERSITY AVENUE MOBILITY STUDY LANDSCAPE CONCEPTS

54th STREET 'CROSSROAD' /  
UNIVERSITY AVENUE MEDIAN







USE ICONIC LANDMARK,  
LANDSCAPE, FURNISHINGS,  
PEDESTRIAN SCALE  
LIGHTING AND ENHANCED  
PAVING TO IDENTIFY  
INTERSECTION AS  
'CROSSROADS' FOR FOUR  
DIFFERENT COMMUNITIES

INCORPORATE BUS  
STOP WITH PLAZA  
AREA, USE CUSTOM OR  
STANDARD MTS BUS  
SHELTER

USE COMMON MATERIALS  
TO PROVIDE VISUAL  
CONTINUITY AT EACH  
CORNER

54TH ST.

STRIPING OR SPECIAL  
PAVING AT  
INTERSECTIONS  
REINFORCE  
PEDESTRIAN CROSSING







Crossroad Elements



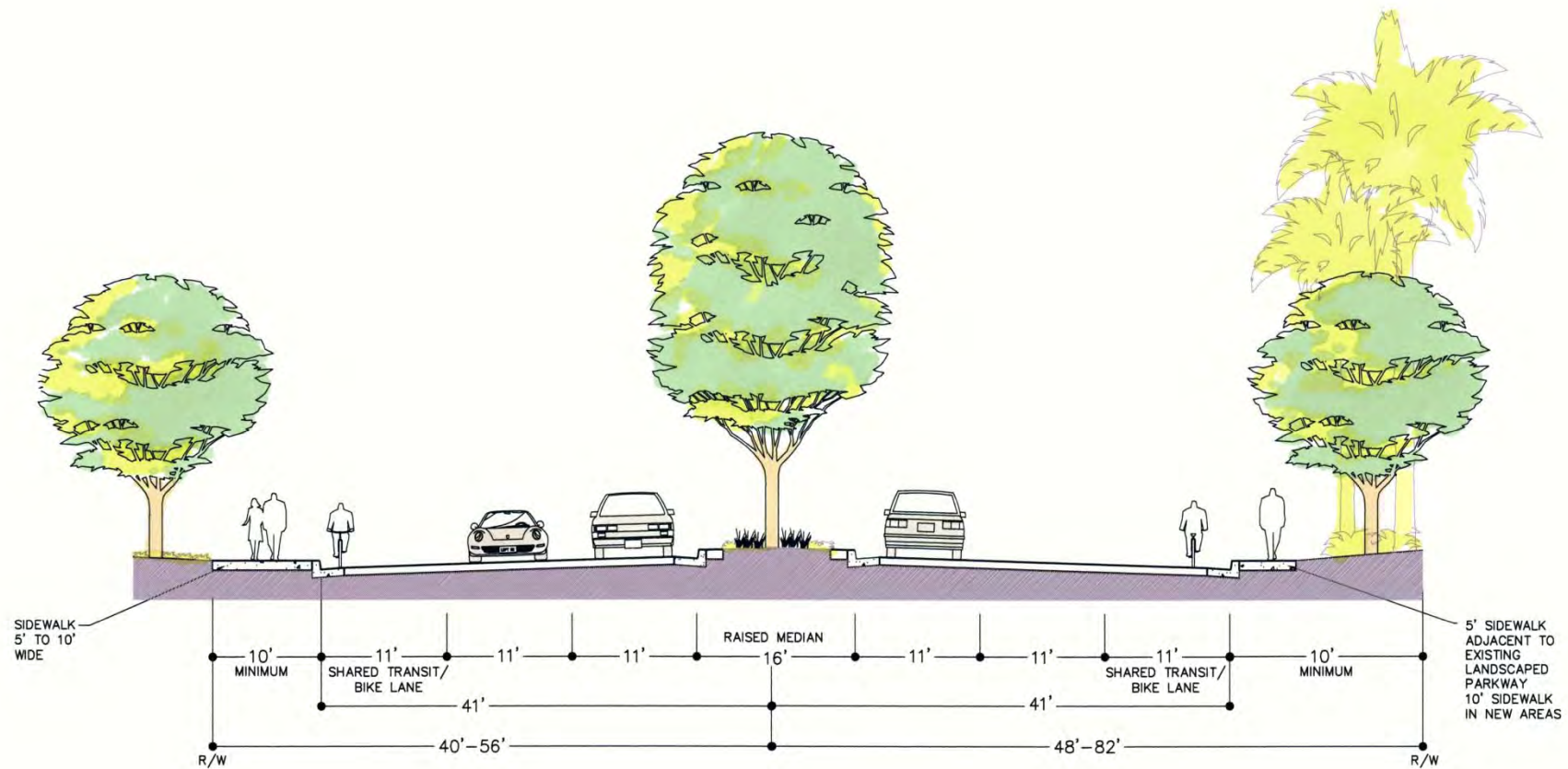


Iconic Landmarks





# 54<sup>th</sup> to Chollas Parkway-Option 1



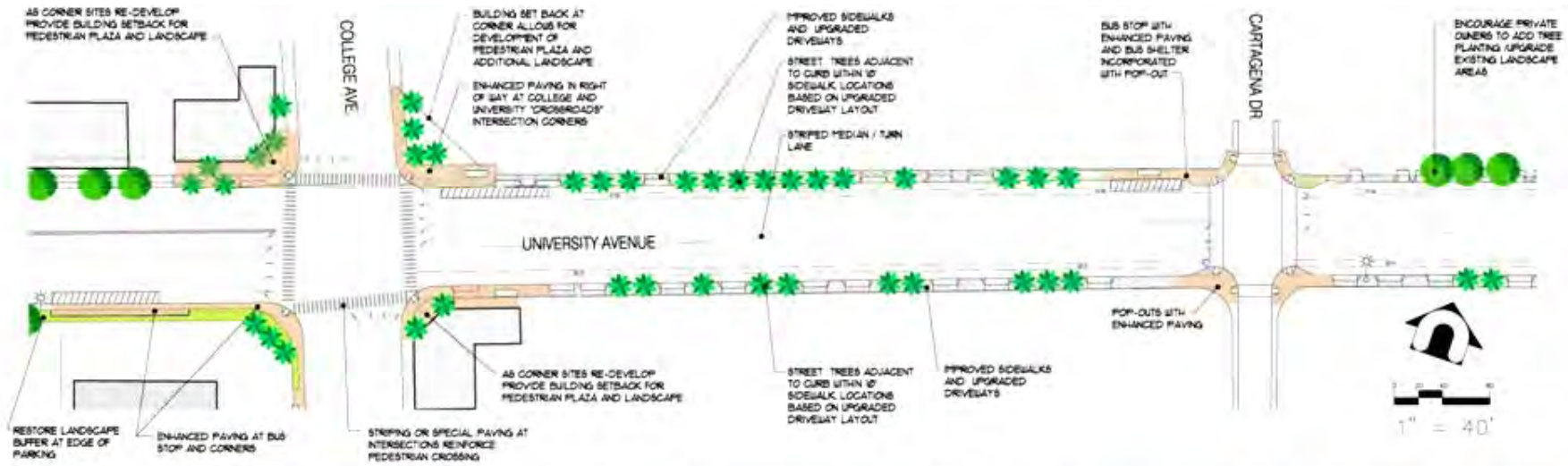








# College and University Crossroads and Cartagena Pop-outs



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LANDSCAPE ARCHITECTURE

## UNIVERSITY AVENUE MOBILITY STUDY LANDSCAPE CONCEPTS

COLLEGE AVENUE "CROSSROADS" /  
CARTAGENA DRIVE POP-OUTS







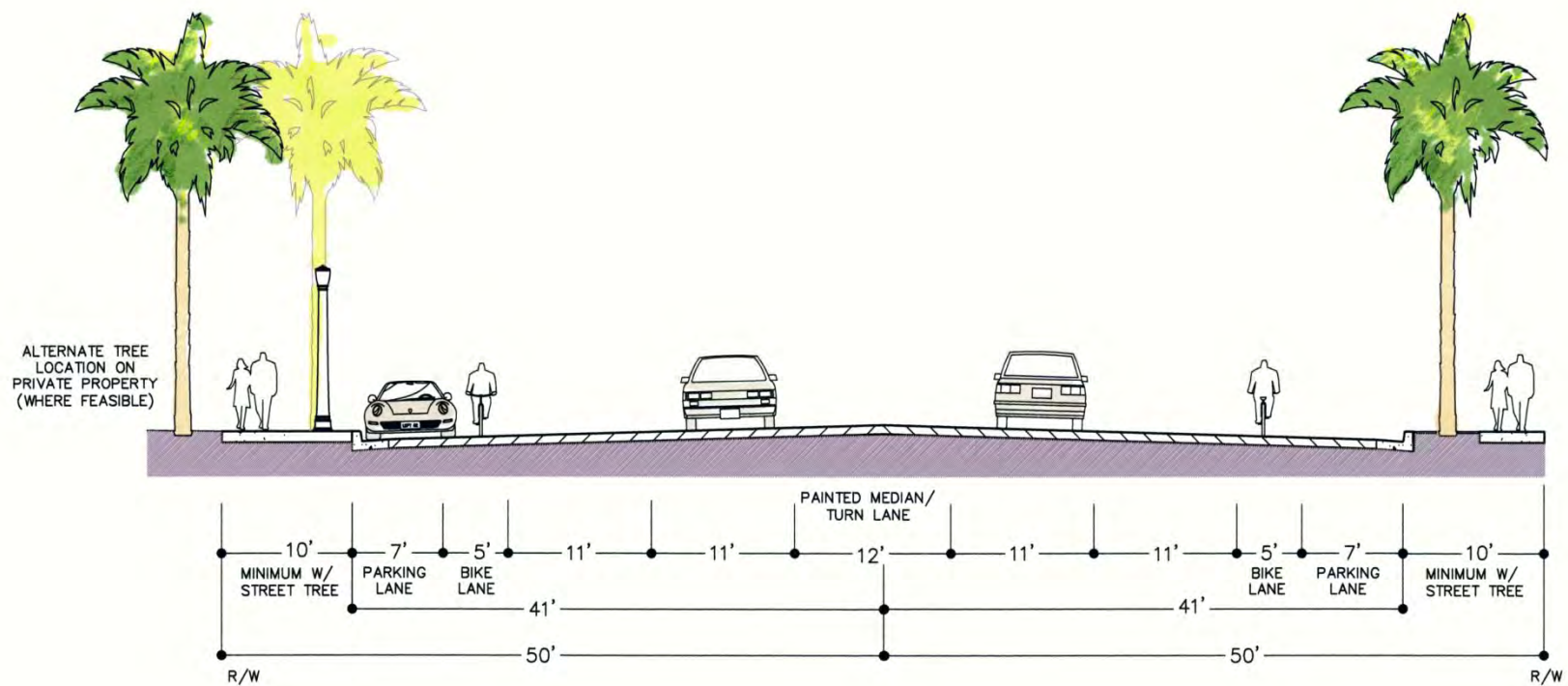








# College to Cartagena-striped median/turn lane









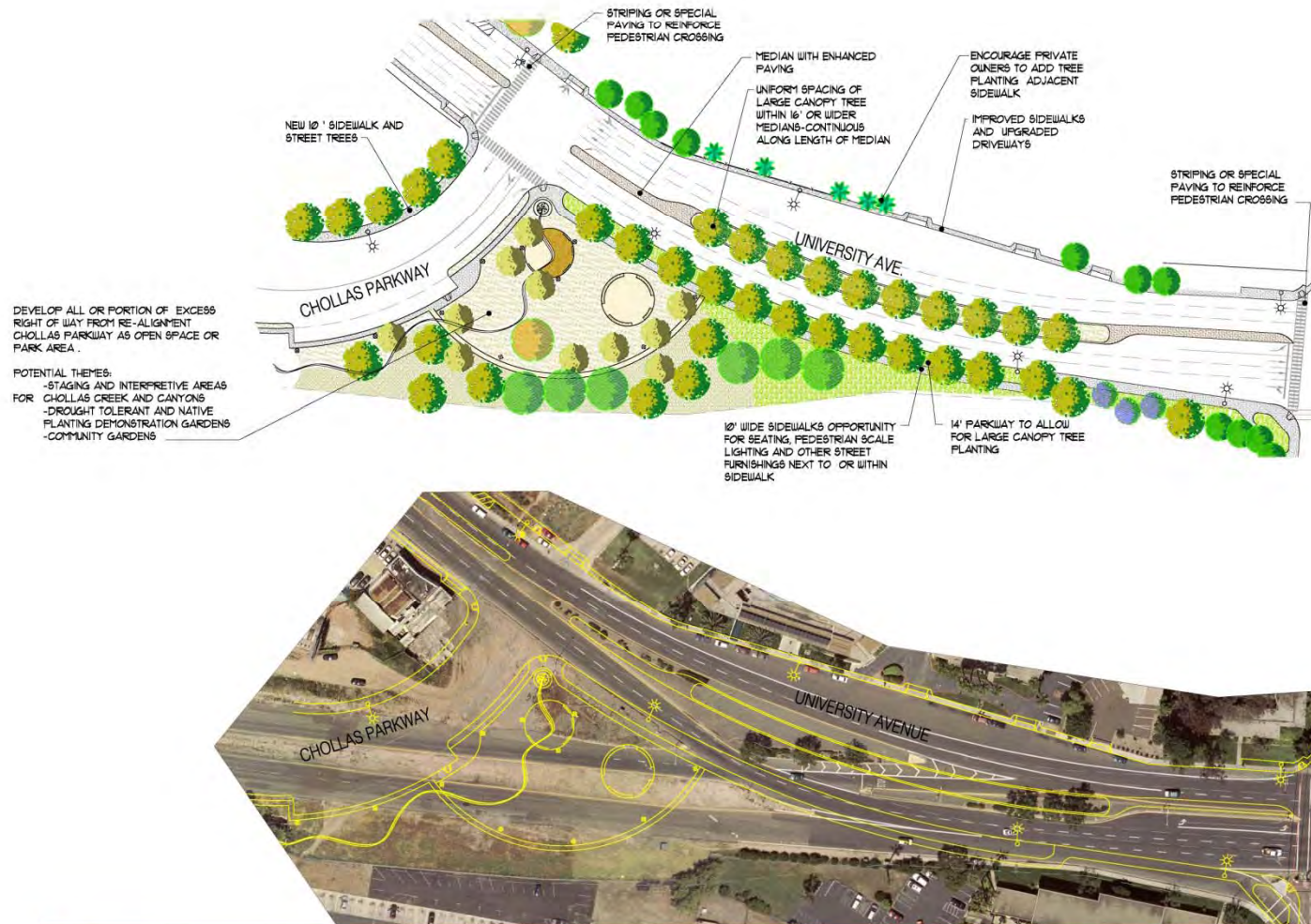








# Chollas Parkway Re-alignment



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LANDSCAPE ARCHITECTURE

**UNIVERSITY AVENUE  
MOBILITY STUDY  
LANDSCAPE CONCEPTS**

CHOLLAS PARKWAY



# Chollas Parkway Open Space

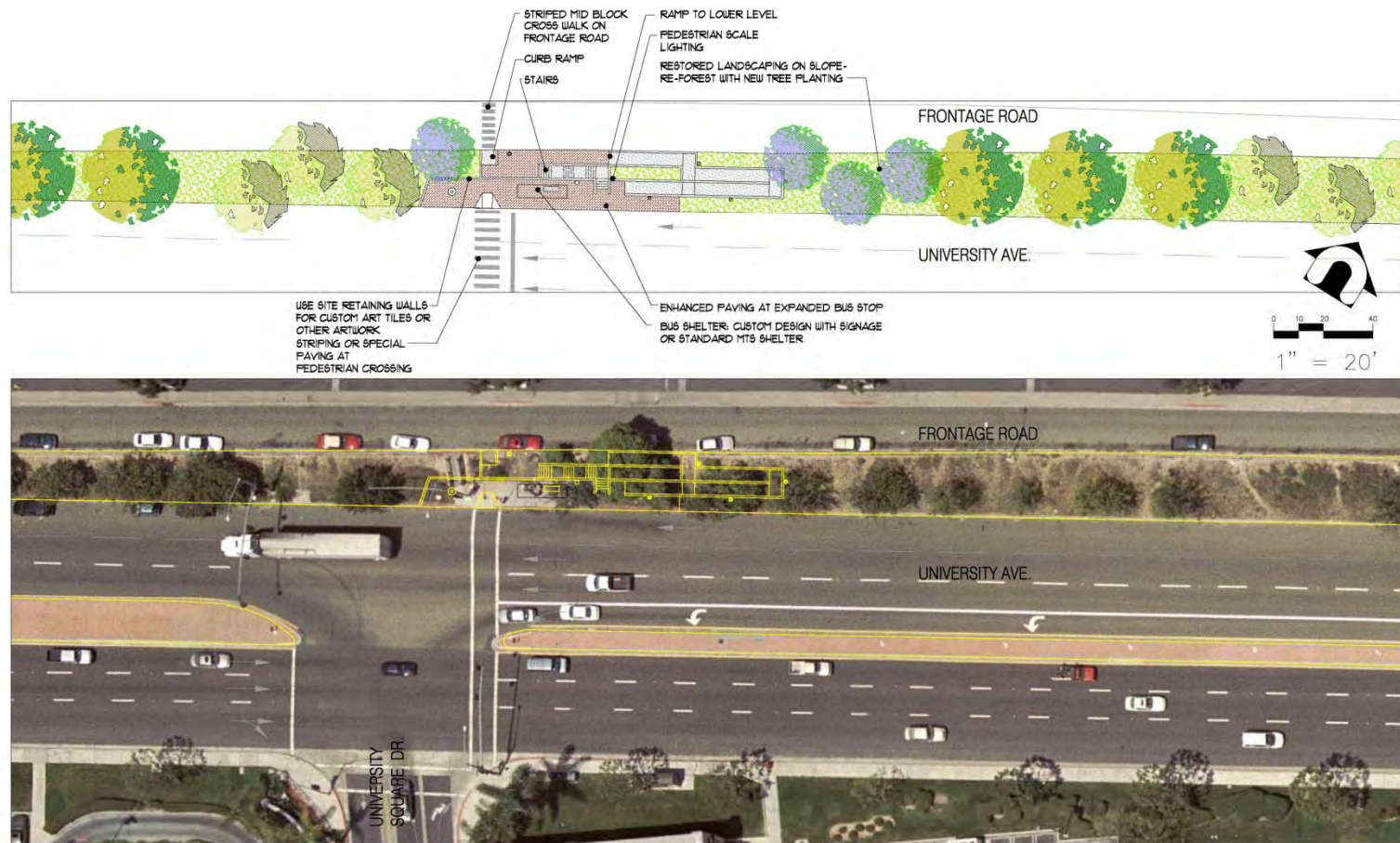








# Bus Stop at University Square



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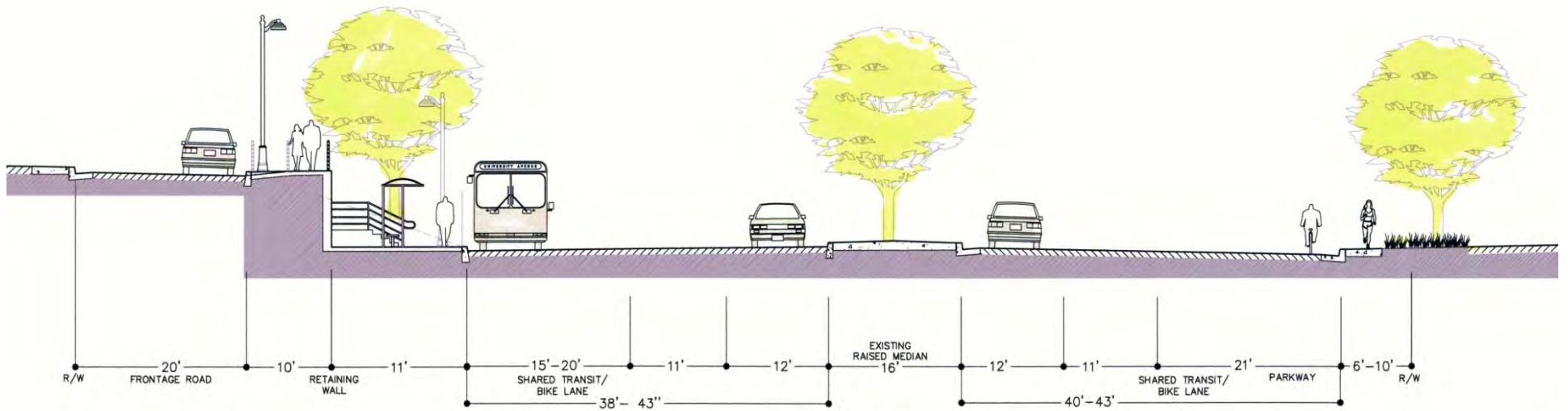
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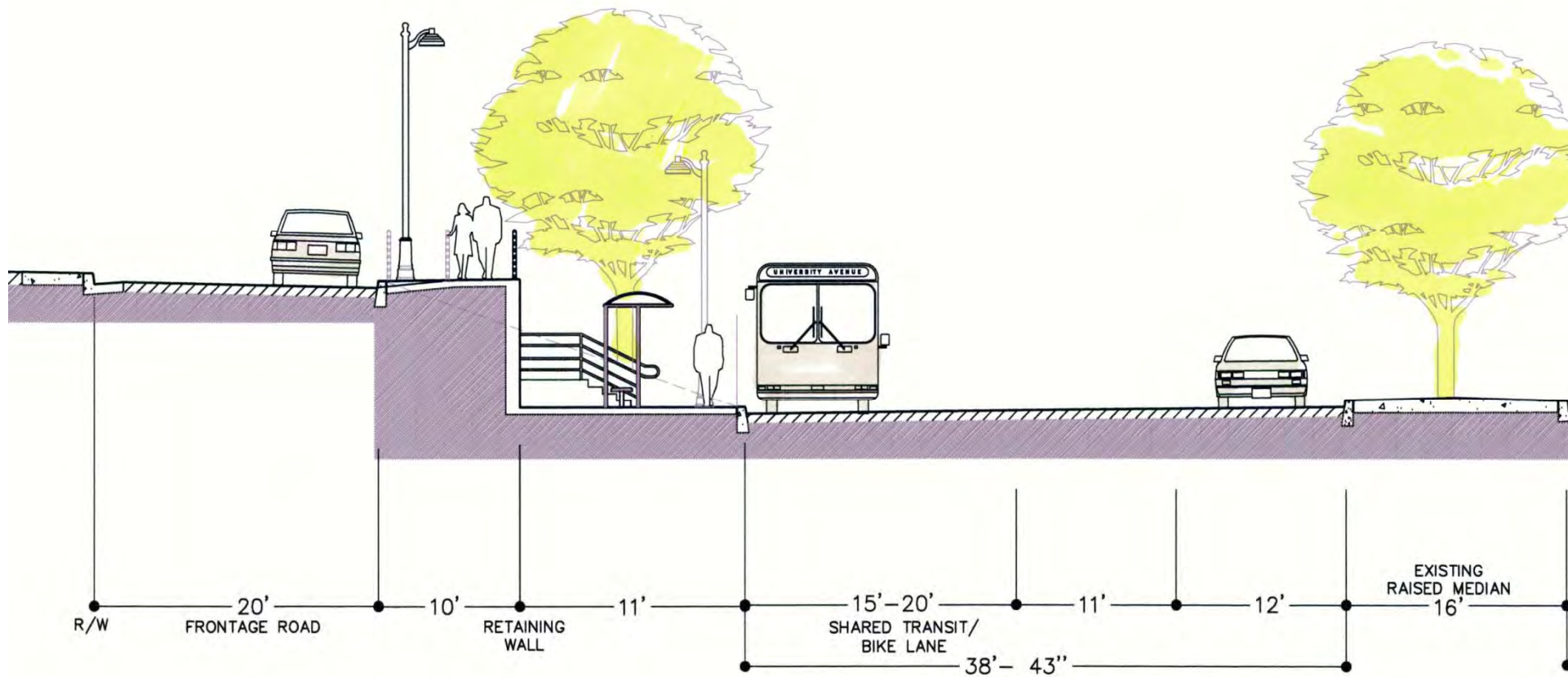
**PARTERRE**  
SITE PLANNING  
URBAN DESIGN  
LANDSCAPE ARCHITECTURE

**UNIVERSITY AVENUE  
MOBILITY STUDY  
LANDSCAPE CONCEPTS**

BUS STOP AT UNIVERSITY SQUARE









# Fletcher Cove Mosaic

Design by: Betsy Kopshina Schulz



















# University Avenue Mobility Study

## Measures of Effectiveness

- Good
- Better
- Best





# University Avenue Mobility Study

## Break Out Session

- Parking Bike Lanes
- Wider Sidewalks
- Shared Bike/Transit/Vehicle
- Transit Access
- Street Parking
- Raised Medians – Center Turn Lanes
- Pop Outs at Curbs
- Landscaping and other Custom Improvements
- Maintenance Districts







# University Avenue Mobility



- The End